

Weekly Report

08/24/2015-08/30/2015

Research

This week, I have read a paper: MatrixWave: Visual Comparison of Event Sequence Data, which designed a matrix-based representation to visualise node-link data. This work is similar to our work but more comprehensive in nodes and links's encoding. In addition, MatrixWave allow users to compare and analyse two different datasets.

Though the Sankey diagram is familiar to users, sometimes it has too much visual clutter if the data is too large. It is easy to show transition information by matrix. I think it could be employed in our mobility patten system because we have too much links to show. The authors of MatrixWave design some visual encoding to compare two datasets. In our system, we can compare mobility patterns in Spring Festival with ordinary times.

